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# LIST

## OF THE

### FELLOWS AND FOREIGN HONORARY MEMBERS.

(Corrected to October, 1893.)

#### RESIDENT FELLOWS.—190.

(Number limited to two hundred.)

#### CLASS I.—*Mathematical and Physical Sciences.*—69.

##### SECTION I.—7.

##### *Mathematics.*

Benj. A. Gould,	Cambridge.
Gustavus Hay,	Boston.
Benjamin O. Peirce,	Cambridge.
John D. Runkle,	Brookline.
T. H. Safford,	Williamstown.
William E. Story,	Worcester.
Henry Taber,	Worcester.

##### SECTION II.—10.

##### *Practical Astronomy and Geodesy.*

Solon I. Bailey,	Cambridge.
Seth C. Chandler,	Cambridge.
Alvan G. Clark,	Cambridgeport.
J. Rayner Edmands,	Cambridge.
Henry Mitchell,	Boston.
Edward C. Pickering,	Cambridge.
John Ritchie, Jr.,	Boston.
Edwin F. Sawyer,	Brighton.
Arthur Searle,	Cambridge.
O. C. Wendell,	Cambridge.

##### SECTION III.—40.

##### *Physics and Chemistry.*

A. Graham Bell,	Washington.
Clarence J. Blake,	Boston.
Francis Blake,	Weston.
John H. Blake,	Boston.
Samuel Cabot,	Brookline.
Arthur M. Comey,	Somerville.
Josiah P. Cooke,	Cambridge.
Charles R. Cross,	Boston.
Amos E. Dolbear,	Somerville.
Thos. M. Drown,	Boston.
Charles W. Eliot,	Cambridge.
Thomas Gaffield,	Boston.
Wolcott Gibbs,	Newport, R. I.
Edwin H. Hall,	Cambridge.
Henry B. Hill,	Cambridge.
Silas W. Holman,	Boston.
William L. Hooper,	Somerville.
Henry M. Howe,	Boston.
Charles L. Jackson,	Cambridge.
William W. Jacques,	Newton.
Alonzo S. Kimball,	Worcester.

Leonard P. Kinnicutt, Worcester.	Charles H. Wing, Ledger, N. C.
William R. Livermore, Boston.	Edward S. Wood, Cambridge.
Charles F. Mabery, Cleveland.	
A. A. Michelson, Worcester.	
George D. Moore, Worcester.	
Charles E. Munroe, Washington.	
John U. Nef, Chicago, Ill.	
Robert H. Richards, Boston.	
Theodore W. Richards, Cambridge.	
Edward S. Ritchie, Newton.	
A. Lawrence Rotch, Boston.	
Charles R. Sanger, Cambridge.	
Stephen P. Sharples, Cambridge.	
Francis H. Storer, Boston.	
Elihu Thomson, Lynn.	
John Trowbridge, Cambridge.	
Harold Whiting, Cambridge.	
	SECTION IV. — 12.
	<i>Technology and Engineering.</i>
	Eliot C. Clarke, Boston.
	Gaetano Lanza, Boston.
	E. D. Leavitt, Cambridgeport.
	Hiram F. Mills, Lawrence.
	Cecil H. Peabody, Boston.
	Alfred P. Rockwell, Boston.
	Andrew H. Russell, Boston.
	Peter Schwamb, Arlington.
	Charles S. Storrow, Boston.
	George F. Swain, Boston.
	William Watson, Boston.
	Morrill Wyman, Cambridge.

CLASS II. — *Natural and Physiological Sciences.* — 57.

## SECTION I. — 11.

*Geology, Mineralogy, and Physics of the Globe.*

Thomas T. Bouvé, Boston.
H. Helm Clayton, Milton.
Algernon Coolidge, Boston.
William O. Crosby, Boston.
William M. Davis, Cambridge.
O. W. Huntington, Cambridge.
Jules Marcou, Cambridge.
William H. Niles, Cambridge.
John E. Pillsbury, Boston.
Nathaniel S. Shaler, Cambridge.
Warren Upham, Somerville.

## SECTION II. — 9.

*Botany.*

William G. Farlow, Cambridge.
Charles E. Faxon, Boston.
George L. Goodale, Cambridge.
H. H. Hunnewell, Wellesley.
Benj. L. Robinson, Cambridge.
Charles S. Sargent, Brookline.
Arthur B. Seymour, Cambridge.

Charles J. Sprague, Boston.
Roland Thaxter, Cambridge.

## SECTION III. — 19.

*Zoölogy and Physiology.*

Alex. E. R. Agassiz, Cambridge.
Robert Amory, Boston.
James M. Barnard, Milton.
Henry P. Bowditch, Boston.
Wm. Brewster, Cambridge.
Louis Cabot, Brookline.
Harold C. Ernst, Boston.
J. Walter Fewkes, Boston.
Edw. G. Gardiner, Boston.
Samuel Henshaw, Cambridge.
Alpheus Hyatt, Cambridge.
Theodore Lyman, Brookline.
Edward L. Mark, Cambridge.
Charles S. Minot, Boston.
Edward S. Morse, Salem.
James J. Putnam, Boston.
Samuel H. Scudder, Cambridge.
William T. Sedgwick, Boston.
James C. White, Boston.

## SECTION IV. — 18.

*Medicine and Surgery.*

Samuel L. Abbot, Boston.  
 Edward H. Bradford, Boston.  
 Arthur T. Cabot, Boston.  
 David W. Cheever, Boston.  
 Benjamin E. Cotting, Roxbury.  
 Frank W. Draper, Boston.  
 Thomas Dwight, Boston.

Reginald H. Fitz, Boston.  
 Charles F. Folsom, Boston.  
 Richard M. Hodges, Boston.  
 Oliver W. Holmes, Boston.  
 Frederick I. Knight, Boston.  
 Francis Minot, Boston.  
 Samuel J. Mixter, Boston.  
 Wm. L. Richardson, Boston.  
 Henry P. Walcott, Cambridge.  
 John C. Warren, Boston.  
 Henry W. Williams, Boston.

CLASS III. — *Moral and Political Sciences.* — 64.

## SECTION I. — 10.

*Philosophy and Jurisprudence.*

James B. Ames, Cambridge.  
 Charles C. Everett, Cambridge.  
 Horace Gray, Boston.  
 John C. Gray, Boston.  
 Nathaniel Holmes, Cambridge.  
 John E. Hudson, Boston.  
 John Lowell, Newton.  
 Henry W. Paine, Cambridge.  
 Josiah Royce, Cambridge.  
 James B. Thayer, Cambridge.

Joseph H. Thayer, Cambridge.  
 Crawford H. Toy, Cambridge.  
 John W. White, Cambridge.  
 Justin Winsor, Cambridge.  
 John H. Wright, Cambridge.  
 Edward J. Young, Waltham.

## SECTION III. — 21.

*Political Economy and History.*

## SECTION II. — 20.

*Philology and Archæology.*

William S. Appleton, Boston.  
 Charles P. Bowditch, Boston.  
 Lucien Carr, Cambridge.  
 Franklin Carter, Williamstown.  
 Joseph T. Clarke, Boston.  
 Henry G. Denny, Boston.  
 Epes S. Dixwell, Cambridge.  
 William Everett, Quincy.  
 William W. Goodwin, Cambridge.  
 Henry W. Haynes, Boston.  
 Bennett H. Nash, Boston.  
 Frederick W. Putnam, Cambridge.  
 Edward Robinson, Boston.  
 F. B. Stephenson, Boston.

Charles F. Adams, Quincy.  
 Edward Atkinson, Boston.  
 Edmund H. Bennett, Boston.  
 Mellen Chamberlain, Chelsea.  
 John Cummings, Woburn.  
 Andrew M. Davis, Cambridge.  
 Charles F. Dunbar, Cambridge.  
 Samuel Eliot, Boston.  
 A. C. Goodell, Jr., Salem.  
 Henry C. Lodge, Nahant.  
 Augustus Lowell, Boston.  
 Edward J. Lowell, Boston.  
 Silas M. Macvane, Cambridge.  
 Francis Parkman, Boston.  
 John C. Ropes, Boston.  
 Denman W. Ross, Cambridge.  
 Charles C. Smith, Boston.  
 F. W. Taussig, Cambridge.  
 Henry W. Torrey, Cambridge.  
 Francis A. Walker, Boston.  
 Robert C. Winthrop, Boston.

## SECTION IV.—13.

*Literature and the Fine Arts.*

Francis Bartlett,	Boston.	Francis J. Child,	Cambridge.
John Bartlett,	Cambridge.	Thos. W. Higginson,	Cambridge
George S. Boutwell,	Groton.	S. R. Koehler,	Boston.
Martin Brimmer,	Boston.	Charles G. Loring,	Boston.
J. Elliot Cabot,	Brookline.	Percival Lowell,	Brookline.
		Charles Eliot Norton,	Cambridge.
		Horace E. Scudder,	Cambridge.
		Barrett Wendell,	Boston.

## ASSOCIATE FELLOWS. — 95.

(Number limited to one hundred. Elected as vacancies occur.)

CLASS I. — *Mathematical and Physical Sciences.* — 36.

## SECTION I. — 6.

*Mathematics.*

Fabian Franklin, Baltimore.  
 Emory McClintock, New York.  
 Simon Newcomb, Washington.  
 H. A. Newton, New Haven.  
 James E. Oliver, Ithaca, N.Y.  
 J. N. Stockwell, Cleveland, Ohio.

## SECTION II. — 13.

*Practical Astronomy and Geodesy.*

Edward E. Barnard, San José, Cal.  
 S. W. Burnham, Chicago.  
 Geo. Davidson, San Francisco.  
 Wm. H. Emory, Washington.  
 Asaph Hall, Washington.  
 George W. Hill, Washington.  
 E. S. Holden, San José, Cal.  
 James E. Keeler, Allegany, Pa.  
 Sam. P. Langley, Washington.  
 T. C. Mendenhall, Washington.  
 William A. Rogers, Waterville, Me.  
 George M. Searle, Washington.  
 Chas. A. Young, Princeton, N.J.

## SECTION III. — 11.

*Physics and Chemistry.*

Carl Barus, Washington.  
 J. Willard Gibbs, New Haven.  
 Frank A. Gooch, New Haven.  
 S. W. Johnson, New Haven.  
 M. C. Lea, Philadelphia.  
 J. W. Mallet, Charlottesville, Va.  
 A. M. Mayer, Hoboken, N. J.  
 Edward W. Morley, Cleveland, O.  
 Ira Remsen, Baltimore.  
 Ogden N. Rood, New York.  
 H. A. Rowland, Baltimore.

## SECTION IV. — 6.

*Tech nology and Engineering.*

Henry I. Abbot, New York.  
 Cyrus B. Comstock, Washington.  
 F. R. Huston, New York.  
 Geo. S. Morison, New York.  
 John Newton, New York.  
 William Sellers, Philadelphia.

CLASS II. — *Natural and Physiological Sciences.* — 30.

## SECTION I. — 14.

*Geology, Mineralogy, and Physics of  
the Globe.*

Cleveland Abbe, Washington.  
 George J. Brush, New Haven.  
 James D. Dana, New Haven.  
 Sir J. W. Dawson, Montreal.  
 G. K. Gilbert, Washington.

James Hall, Albany, N. Y.  
 F. S. Holmes, Charleston, S. C.  
 Clarence King, New York.  
 Joseph Le Conte, Berkeley, Cal.  
 J. Peter Lesley, Philadelphia.  
 J. W. Powell, Washington.  
 R. Pumpelly, Newport, R. I.  
 Alfred R. C. Selwyn, Ottawa.  
 Geo. C. Swallow, Columbia, Mo.

## SECTION II. — 3.

*Botany.*

A. W. Chapman, Apalachicola, Fla.  
 D. C. Eaton, New Haven.  
 Wm. Trelease, St. Louis.

## SECTION III. — 8.

*Zoölogy and Physiology.*

Joel A. Allen, New York.  
 Wm. K. Brooks, Baltimore.  
 George B. Goode, Washington.  
 O. C. Marsh, New Haven.

H. N. Martin, Baltimore.  
 S. Weir Mitchell, Philadelphia.  
 A. S. Packard, Providence.  
 A. E. Verrill, New Haven.

## SECTION IV. — 5.

*Medicine and Surgery.*

John S. Billings, Washington.  
 Jacob M. Da Costa, Philadelphia.  
 W. A. Hammond, New York.  
 Alfred Stillé, Philadelphia.  
 H. C. Wood, Philadelphia.

CLASS III. — *Moral and Political Sciences.* — 29.

## SECTION I. — 8.

*Philosophy and Jurisprudence.*

T. M. Cooley, Ann Arbor, Mich.  
 D. R. Goodwin, Philadelphia.  
 A. G. Haygood, Oxford, Ga.  
 James McCosh, Princeton, N.J.  
 Charles S. Peirce, New York.  
 Thos. R. Pynchon, Hartford, Conn.  
 E. G. Robinson, Providence.  
 Jeremiah Smith, Dover, N. H.

## SECTION II. — 7.

*Philology and Archæology.*

A. N. Arnold, Pawtuxet, R.I.  
 Timothy Dwight, New Haven.  
 D. C. Gilman, Baltimore.  
 A. C. Kendrick, Rochester, N.Y.  
 E. E. Salisbury, New Haven.  
 A. D. White, Ithaca, N.Y.  
 W. D. Whitney, New Haven.

## SECTION III. — 8.

*Political Economy and History.*

Henry Adams, Washington.  
 Geo. P. Fisher, New Haven.  
 M. F. Force, Cincinnati.  
 Henry C. Lea, Philadelphia.  
 Edward J. Phelps, Burlington, Vt.  
 W. G. Sumner, New Haven.  
 J. H. Trumbull, Hartford, Conn.  
 David A. Wells, Norwich, Conn.

## SECTION IV. — 6.

*Literature and the Fine Arts.*

James B. Angell, Ann Arbor, Mich.  
 L. P. di Cesnola, New York.  
 F. E. Church, New York.  
 R. S. Greenough, Florence.  
 William W. Story, Rome.  
 Wm. R. Ware, New York.

## FOREIGN HONORARY MEMBERS.—72.

(Number limited to seventy-five. Elected as vacancies occur.)

CLASS I.—*Mathematical and Physical Sciences.*—26.

## SECTION I.—5.

*Mathematics.*

Francesco Brioschi,	Milan.
Arthur Cayley,	Cambridge.
Hugo Gyldén,	Stockholm.
Charles Hermite,	Paris.
J. J. Sylvester,	Oxford.

## SECTION II.—6.

*Practical Astronomy and Geodesy.*

Arthur Auwers,	Berlin.
J. H. W. Döllén,	Pulkowa.
H. A. E. A. Faye,	Paris.
William Huggins,	London.
Otto Struve,	Pulkowa.
H. C. Vogel,	Potsdam.

## SECTION III.—12.

*Physics and Chemistry.*

Adolf Baeyer,	Munich.
Marcellin Berthelot,	Paris.

R. Bunsen,	Heidelberg.
H. L. F. Helmholtz,	Berlin.
A. Kekulé,	Bonn.
Mendeleeff,	St. Petersburg.
Victor Meyer,	Heidelberg.
Marignac,	Geneva.
Lord Rayleigh,	Witham.
Sir H. E. Roscoe,	London.
Sir G. G. Stokes,	Cambridge.
Julius Thomsen,	Copenhagen.

## SECTION IV.—3.

*Technology and Engineering.*

Lord Kelvin,	Glasgow.
F. M. de Lesseps,	Paris.
Maurice Lévy,	Paris.

CLASS II.—*Natural and Physiological Sciences.*—26.

## SECTION I.—6.

*Geology, Mineralogy, and Physics of the Globe.*

H. Ernst Beyrich,	Berlin.
Alfred Des Cloizeaux,	Paris.
A. E. Nordenskiöld,	Stockholm.
C. F. Rammelsberg,	Berlin.
Henry C. Sorby,	Sheffield.
Heinrich Wild,	St. Petersburg.

## SECTION II.—6.

*Botany.*

J. G. Agardh,	Lund.
Sir Joseph D. Hooker,	London.
Baron von Mueller,	Melbourne.
Julius Sachs,	Würzburg.
Marquis de Saporta,	Aix.
Eduard Strasburger,	Bonn.



## SECTION III. — 10.

*Zoölogy and Physiology.*

P. J. Van Beneden, Louvain.  
 Du Bois-Reymond, Berlin.  
 L. Hermann, Königsberg.  
 Thomas H. Huxley, London.  
 Albrecht Kölliker, Würzburg.  
 Lacaze-Duthiers, Paris.  
 Rudolph Leuckart, Leipsic.  
 C. F. W. Ludwig, Leipsic.

Louis Pasteur, Paris.  
 J. J. S. Steenstrup, Copenhagen.

## SECTION IV. — 4.

*Medicine and Surgery.*

C. E. Brown-Séquard, Paris.  
 Sir Joseph Lister, London.  
 Sir James Paget, London.  
 Rudolph Virchow, Berlin.

CLASS III. — *Moral and Political Sciences.* — 20.

## SECTION I. — 3.

*Philosophy and Jurisprudence.*

James Martineau, London.  
 Henry Sidgwick, Cambridge.  
 Sir James F. Stephen, London.

## SECTION II. — 6.

*Philology and Archæology.*

Sir John Evans, Hemel Hempstead.  
 Pascual de Gayangos, Madrid.  
 J. W. A. Kirchhoff, Berlin.  
 G. C. C. Maspero, Paris.  
 Max Müller, Oxford.  
 Sir H. C. Rawlinson, London.

## SECTION III. — 8.

*Political Economy and History.*

Duc de Broglie, Paris.  
 James Bryce, London.  
 Ernst Curtius, Berlin.  
 W. Ewart Gladstone, Hawarden.  
 Charles Merivale, Ely.  
 Theodor Mommsen, Berlin.  
 Jules Simon, Paris.  
 Wm. Stubbs, Oxford.

## SECTION IV. — 3.

*Literature and the Fine Arts.*

Jean Léon Gérôme, Paris.  
 John Ruskin, Coniston.  
 Leslie Stephen, London.